



KAISER ♦ HILL
COMPANY

MEMORANDUM

Date: January 2, 2002

To: Jan Robbins

From: Pam Arnold *[Signature]*

Subject: WEEKLY STATUS MEETING DOE/LRA for January 2, 2002

There was no meeting held on January 2, 2002, however an updated agenda, including summaries, was provided as requested by DOE and CDPHE by E-mail on that date.

Additionally attached to the agenda and summaries is the closure report for the removal of gloveboxes 72B and 72C, room 3408, Set ~~12~~ ²⁴ for inclusion into the Administrative Record. *psc*

End

B371 CLOSURE PROJECT

WEEKLY STATUS MEETING

Every Monday, 9:00 a.m.

B371 Conference Room

January 2, 2002

AGENDA

INTRODUCTION — Pam Arnold, X6035, Pager 303-212-4835

D&D

Presenters — Jim Floerke, X2850, Pager 303-212-3292 & Mike McGrory, X5100, Pager 303-212-2146

- Liquids Draining
- Tank Deactivation
- Glovebox Deactivation
- CSV Deactivation
- Special Projects
 - *Cerium Nitrate*
 - *MAA/PA Closure*
- B374 Deactivation

Presenter — Jim Floerke, X2850, Pager 303-212-3292

- Special Projects
 - *Cleanup*
 - *Breathing Air*
- Sets 7, 24, and Status

ENVIRONMENTAL — Pam Arnold, X6035, Pager 303-212-4835

AUTHORIZATION BASIS/BIO — John Almon x3217, Pager 303-212-3426

D&D Summary (AAC)

Week Ending 12/28/01

Non-actinide Liquid Draining

KH Target Finish: 9/28/00

Current Early Finish: 10/13/01

SV: -243 days

- Completed draining the B771 bottles.
- Set 2B (rebaselined Set 6) has been assigned a technical lead to develop a new work strategy. (1AQ31DR02B)
- Continuing to develop strategy.

Tanks

KH Target Finish: 9/24/03

Current Early Finish: 11/04/03

SV: -26 days

- Set 5 (3573, 8 tanks) Deactivation and Cerium Decontamination complete (all tanks met SCO requirements). Procuring three additional vacuum systems. (1AC105ET00)
- Set 3 (3517) line isolations are complete. Raschig Ring, cerium decon and D&D ready packages are ready to go to ISR. (1AC103AT00)
- Set 4 Raschig Ring package is ready to work; cerium decon and D&D ready packages ready to go to ISR. (1AD104AH00)
- Set 13 cerium decon and D&D ready packages for 2307 and 2317 are in Planning to modify ALARA review process. The 2307 line isolation package is ready to work; the 2317 electrical line isolation package has started; the mechanical line isolation package is ready to go to ISR. The work package for 2319 is in Engineering. Plan to use SWP for ring removal. (1AC113AT00)
- Set 15 (2223) is being rescheduled.

Gloveboxes

KH Target Finish: 7/30/03

Current Early Finish: 10/17/03

SV: -50 days

- No GB deactivation is scheduled at this time.

CSV

KH Target Finish: 2/13/03

Current Early Finish: 6/30/03

SV: -86 days

- Pursuing path to combine residues with pallets in standard waste boxes for shipment as TRU.
- I/O 8 modification package is in Engineering; ECRs for transfer tunnel modification (eliminates need for crate drop and XYZ traverse) and the I/O 8 mod are in process.
- The guillotine door switch relocation package is ready to work.
- I/O 8 drain line installation package is in pre-reqs.
- Proposed strategy requires removal of four Set 12 gloveboxes from Room 1111 to provide space for waste crate operations.
- Lead removal SWP is complete.

Cerium Nitrate

- CeN decontamination procedure is complete and approved.
- Internal management review to be performed prior to hot startup.

MAA/PA Closure

- Draft Closure Plan distributed for review. Comments due 1/14.

B374 Deactivation

- Flushing process waste water lines – Work Control Documents in preparation. Taps installed in 374.
- Sludge removal Solicitation for 231B has been made; sub-contractor response being reviewed
- Cessation of operations - Planned for March 2002.
- Transition to decommissioning - Planned for March/April 2002.

D&D Summary (AAD)

Week Ending 12/28/01

Special Projects

Northside Cleanup:

- PWA Activity complete
- Pouring three concrete pads to protect valve boxes.

Breathing Air Modification:

- Engineering Changes were delivered to KH Construction; IWCP change in process.
- Electrical cabinet and dryer out of building
- Air compressor positioned outside Room 2101
- ECR for wall removal near completion
- Electrical and mechanical mods in progress

Cold Area D&D:

- Engineering of the B381 fluorine building is planned to be complete 12/21; Room 3179 engineering planned to be complete 1/30; and Rooms 4101, 4102, 4103 and 4104 engineering planned to be complete 1/11.
- KH Construction to start B381 clean out this week
- Engineering package for demolition of the UGST is complete. IWCP is in Planning; needs USQD review.

Set 7: Dismantlement

KH Scheduled Finish: 10/01/02

Targeted Early Finish: 07/31/02

SV: +66 day

- Electrical Isolation IWCP is complete; started electrical dismantlement.
- Draining of low points in piping prior to Mechanical Isolation is complete.
- Ancillary equipment mechanical isolation started.
- Started work on crated gloveboxes
- Preparing lead removal SWP.

Set 21: Dismantlement

- Work will begin to remove the saltcrete system from room 3809 as soon as the package has final signatures.
- Radiological surveys were performed last week.
- Started Davis-Bacon estimate/review.

Set 24: Dismantlement

KH Scheduled Finish: 9/25/01

Targeted Early Finish: 11/20/01

SV: -36 days

Work completed 12/23.

Set 14: Dismantlement

- Work package identification and development of the Set work package execution schedule is complete.
- Lead removal package is in pre-reqs.

ENVIRONMENTAL STATUS
REGULATED UNITS

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
3		Tanks: D132A, B, and C	MRT	3517	
		Nitric Acid Recirc. pump 31-11, P-28A	IE: 0049	3517	
		Nitric Acid Recirc pump 31-11, P28B	IE: 0050	3517	
		Nitric Acid Recirc pump 31-11, P29A	IE: 0051	3517	
		Nitric Acid Recirc pump 31-11, P29B	IE: 0052	3517	
		Nitric Acid pump 31-15, P63	IE: 0054	3517	
		Pumps P-28A, P-28B, P-29A, and P-29B	IE: 0107	3517	
4		Pumps P-33A, P-33B, P-34A, P-34B	IE: 0109	3517	
		Tanks: D133, D150, D151, D152A, D152B	MRT	3571	
		Ancillary Equipment: Evaporator-reboiler E-55, Evaporator Bottoms Cooler E-56, Condenser E-57, and Nitric Acid Feed Heat Exchanger E-62.	MRT	3571	
		Evaporator Bottoms Pump 31-18 P49A	IE: 0079	3571	
		Evaporator Bottoms Pump 31-18 P49B	IE: 0080	3571	
		Pumps 33 A&B, 34 A&B	IE: 0109	3571	
		Tanks: D134A, D134B D134C, D135A, D135B, D289A, D289B, and D289C.	MRT	3573	Raschig Rings removed from Tanks D134B, D134C, and D289A, and D289B. No visible sludge or rings remaining; these tanks will be closed pursuant to "Unit Removal without On-Site Treatment" (Section 5.1.3, Component Removal RSOP) and dispositioned as non-hazardous waste.
7		Container Storage – Room	371.1A	3301	
		Mixed Residue Tank – Ancillary Equipment only	N/A	3303	
		Container Storage – Room	371.1A	3305	
		Pumps: P171, P172, P173, P174, P175, P176, P177, P178, P179, P180	IE: 0122	3305	
		Mixed Residue Tank - Ancillary Equipment only	N/A	3305	

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ENVIRONMENTAL STATUS - REGULATED UNITS, cont.

SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
7	Container Storage – Room	371.1A	3315	
	GB Storage - GB#32	371.1B	3315	
12	CWTS: GB 2401	371.3A	1105	
	CWTS: GB 2402, 2403	371.3A	1103	
	CWTS: GB 18, 23, 2404	371.3A	1115	
	CWTS: Tanks 2401A, B, C & D, 2402A & B, and 2403	371.3A	1103	
	Master process control and alarm panel	N/A	1113	
	Container Storage – Room	90.14	1111	Not currently in Permit – to be closed
	Container Storage - Room	90.19	1115	Not currently in Permit – to be closed
	Tanks: D-44A-1, D-44A-2, D-44A-4, D-44A-5, D-44A-6, D-44B-1, D-44B-2, D-44B-4, D-44B-5, D-44B-6	MRT	1107	
	Tanks: D-43A-1, D-43A-2, D-43A-3, D-43A-4, D-43A-5, D-43B-1, D-43B-2, D-43B-3, D-43B-4, D-43B-5	MRT	1109	
	Tanks: D-160A, B, D-400A, B, D, D-179	MRT	1115	
	Tanks: D-2A, B, D-157A, B, D-238A, B, D-240A, B, D-170, D-171	MRT	1117	
	Tanks: D-293A & B	MRT	1127	
AB	Container Storage - Room	371.1A	1103	
AB	Vault Container Storage	371.1C	1101	
	Wash Liquid Pump 31-17, P-182	IE: 0008	1117	
	HAS Waste Pump 34-04, P4B, Tank D4B from E9, T10 to 2, D811	IE: 0009	1117	
	HAS Waste Pump 34-04, P3A, Tank D3A, from E1, E80 to D811	IE: 0010	1117	
	HAS Waste Pump 34-04, P3B, Tank D3B, from E1, E80 to D811	IE: 0011	1117	
	HAS Waste Pump 34-04, P4A, Tank D4A, from E9-E10 to D2, D811	IE: 0012	1117	
	Pumps P-140, P-141A, P-141B	IE: 0113	1115	
	Pumps P-181 and P-182	IE: 0114	1117	
	Pumps P-5A, P-5B, P-6A, P-6B, P-7A, P-7B, P-15A, P-15B, P-27A, P-27B, P-107A, P-107B, JP-108A, P-108B	IE: 0115	1125	

ENVIRONMENTAL STATUS - REGULATED UNITS, cont.

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
13		Tank D-292A & B	MRT	2317	
		Pumps P-21A, P-914	IE: 0117	2307	
		Pumps P-85A, B, C; P-27A, B, C	IE: -119	2317	
14		Container Storage - Room	371.1A	2325	
18		Tanks: D816, D817, D818, D819, D820, D821, D822, D823, D826A, D826B, D826C.	374.3	3801	
		See Set 19 also			
		Tanks: D827, D830, D832, D834, D876, D879, T802, T803, T804, T805.	374.3	3810/4814	
19		Tanks: D802A, B, C, D804A, B, C, D, D811A, B, D843, D852, D875, D847, D851.	374.3	2804	
18/19		Tanks: D806, D807A & B, D808, D843, D942.	374.3	2804/3801	
19		Tanks: D801A, B, & C, D826C, D878, D883A & B, D884,	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	Tanks D883A/B have been declared RCRA Stable and transferred to D&D
19		Spray Chamber W803, Spray Dryer Baghouse FL803	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	
19/21		Tanks: D824A & B, DD825 A & B, D844 A & B, D848	374.3	2804/3801/ 3803/3805/ 4805/4807	
19		Drum Filter Basins: FL802A & B, Sludge Dryer: W801, Dry Sludge Hopper: H3, Dry Sludge Conveyors: CV813A & B	374.3	2804/3801/ 3803/3805/ 4805/4807	
		See Set 21 also			

ENVIRONMENTAL STATUS - REGULATED UNITS, cont.

SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
24	GB Storage - GB's 72B and 72C	371.1B	3408	GB's 72B and 72C have been closed by "Unit Removal in Conjunction with 'Debris Rule' Treatment".
	Mixed Residue Tank - Ancillary Equipment	N/A	3408	
56	Tanks: D806 and D807A/B, 808, 812, 813, 814, 815, Polishing Filter FL831	374.3	3801	Tanks D807A/B, D808, D813, D814, D815, and D816 have been declared RCRA Stable and transferred to D&D.
	GB Storage - GB's 107 and 113	374.3	3801	
57	No RCRA Units			
58	Tanks: D825A, D825B, D844A, D844B, D848	374.3	3803/4805/ 4807	Tanks: 825A, D825B, D844A, D844B, D848 have been declared RCRA Stable and transferred to D&D.
	Ancillary Equipment: FL802A, FL802B, W801, H3, CV813A, CB813B, CV808, CV812, CV813A/B, CV816, W801, H3, FL802A/B, T807, E804A/B/C, E817A/B, P806A/B, P815A/B, P816A/B, P862A/B.	374.3	3803/4805/ 4807	
	GB Treatment: GB's 115 AB, 116AB, 117AB, 118 AB.	374.3	3803/4805/ 4807	

Basis for Interim Operations (BIO)

Week Ending 12/28/01

PuSPS Page Changes

- More than one defective 3013 outside vault for work
 - Complete
- Process less than 80% Pu oxides
 - Initial draft complete and reviewed
 - Scheduled to be submitted to DOE 01/10/02

Operations Page Changes

- Page change to incorporate all JCOs
 - Draft out for review
- POCs on dock
 - Complete
- Residue Product Carts
 - Date for submittal to DOE being revised following DOE comments

Other Page Changes

- Support of consolidation of HSP Fire Protection procedures
 - Approved by DOE 11/23/01
 - Implementation to be coordinated with implementation Site Fire Protection Program Manual which is effective 01-07-02

D&D Support

- Out-of-commission
 - USQDs completed for placing dismantlement sets out-of-commission:

Set	Date Completed	Date to DOE	Response Due
24	09/27/01	10/01/01	10/08/01
7	10/24/01	10/30/01	11/06/01
14	11/13/01	11/28/01	12/05/01
13	12/13/01	12/18/01	*
21	12/11/01		
12			

- * Received response from DOE, 12/21/01. Finalization of OOC on hold until concern about glovebox overheat detectors resolved.

371/4 Project

Closure Process for Storage Units

1. ☒ Perform final inspection Date: 12/3/01
2. ☒ Print WEMS historical storage on the unit to be closed
3. ☒ Remove/close storage units from WEMS
4. ☒ Remove storage units from inspection logs
5. ☒ De-post units
6. ☒ Notify Site permitting to remove units from Master List
7. ☒ Notify NMC of closure
8. ☒ Indicate closure on Weekly State Matrix (indicate type of closure per DOP)
9. ☒ Submit Matrix indicating closure to Site Permitting & Compliance for removal from the Permit
10. ☒ File Completed documents for closure in unit operating record
11. ☒ Completed PE Closure Certification, submitted to State and received State approval within 60 days (for clean closure and no removal only)

Unit No(s): 371.1B Room No(s): 3408

GB/Tank No(s): GB 72B & 72C

Work Package No(s): T0106508 Set No(s): 24

Date Packaged: 12/12/01

Waste Package number(s): X28029 cargo

Comments: _____

Closure Steps Completed: Sam Arnold

Signature

Date: 12/20/01